

# Mathematic simulation of high-efficiency process of grain cleaning

Galyautdinova Y., Gaysin I., Samigullin A., Samigullina A., Galyautdinov R.

*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

---

## Abstract

© Published under licence by IOP Publishing Ltd. The article presents the results of field experiment and the results of computer simulation of the grain cleaning process pneumosorting machine PSM-0,5. The results of the comparison of two methods of research are presented.

<http://dx.doi.org/10.1088/1757-899X/240/1/012018>

---

## References

- [1] Gimadiyev A.M. 2009 Influence of technological and transport vehicles on a morphological and physiological maturity of seeds 39
- [2] Gimadiyev A.M. 2009 (Naberezhnye Chelny printing house) Methodical grant on a subject "Pneumosorting machine PSM-6, PSM-6C" Technical description and operation manual: 000 42
- [3] Gimadiyev A.M. 2009 (Naberezhnye Chelny printing house) Methodical grant on a subject "Pneumosorting machine PSM-25, PSM-25C, PSM-25M. PSM-25MC" Technical description and operation manual: 000 52
- [4] Gimadiyev A.M. 2009 Paths of decrease in a traumatizing of grain and seeds when carrying out postharvest processing by rotary barriers on an example pneumosorting machine PSM 127
- [5] Yerov YU.V., Nurullin E.G., Karimov KH.Z. and Salakhiyev D.Z. 2009 (Kazan: Word) Innovations in postharvest processing of grain and seeds 104
- [6] Loyko V. I. 2010 Management of economic efficiency of technologically integrated grain processing production systems. / Loyko Valeriy Ivanovich. Bogoslavskiy Stanislav Nikolayevich. Makarevich Oleg Aleksandrovich Scientific magazine of KUBGAU 06
- [7] Gaysin I.A., Sarapulova J.V., Khabibullin S.S. and Saubanov R.R. 2011 Informational and social and economic aspects of creation of the modern technologies 58 (N. Chelny) Energy saving in the grain processing industry The on-line online scientific and technical magazine <http://sets.ru>